

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-19 14:51:37
Date of Next Testing: 2030-03-18 14:51:37
Product Name: **3,3',5,5'-Tetramethylbenzidine (TMB)**
CAS Number: 54827-17-7
Specifications & Purity: $\geq 99\%$ (HPLC)
Lot #: C2618485
SKU #: **T100416**
Version: **0**
Analysis #: **665365**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	167-171 (°C)	170.75000 °C
Purity(HPLC)	99-100 (%)	99.87600 %
Carbon by Elemental Analysis	79.2-80.7 (%)	79.71200 %
Appearance (T100416)	White to Yellow to Beige Powder or Crystals	White to Yellow to Beige Powder or Crystals
Solubility in Ethyl Acetate , Faint Yellow to Dark Yellow, Clear to Hazy, 5%	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager